

MARINESCU, R.

Economic development of the Mongolian People's Republic. Probleme
econ 17 no.11:125-128 N '64.

ENACHESCU, Georgeta; SOLDEA, I.; MARINESCU, Radica

Biochemical modifications in onion bulbs during the winter.
Studii cerc biochimie 5 nr.1:47-64 '62.

1. Institutul de cercetari horti-viticole, Bucuresti.

MARINESCU, R.^{dicte}; ENACHESCU, G.; IORDACESCU, O.

Dynamics of certain chemical substances in garden peas in the course of their growth and development. p. 473.

COMMUNICARILE. Bucuresti. Vol. 9, no. 5, May 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 9, no. 1, January 1960.

Uncl.

HREMIUC,R.; TORJESCU,V.; MARINESCU,Raisa

The prothrombinogenetic function of the liver in tuberculous patients treated with antibiotics. Rumanian M. Rev. 3 no.4: 20-22 O-D '59.

1. Sanatorium for Children's Tuberculosis, Tg. Carbenesti.
(TUBERCULOSIS PULMONARY physiology)
(LIVER physiology)
(PROTHROMBIN)
(ANTIBIOTICS pharmacology)

S/275/63/000/001/015/035
D469/D308

AUTHOR: Marinescu, N.

TITLE: Electrical conductivity of semiconductors

PERIODICAL: Referativnyy zhurnal, Elektronika i yeye primeneniye,
no. 1, 1963, 3, abstract 1B 17 (Gaz. mat. și fiz.,
v. A 14, no. 5, 1962, 237-246 (Rum.; summaries in Rus.
and Fr.))

TEXT: Shows specific properties of electrical conductivity of
semiconductors, as compared with metals, starting with an elemen-
tary discussion of the theory of formation of energy bands in cry-
stal lattices. A mention is made of some possible applications.
(From the author's summary.) / Abstracter's note: Complete transla-
tion. /

Card 1/1

Analysis of some decoders and the diagrams

R/011/62/006/005/001/003
A065/A126

tomatic coding and is used in various automatic systems. The use of d-c pulses for the code requires in some cases the introduction of a delay line on the emitting, and of synchronizing devices on the receiving side. Diagrams with diodes and resistors show that the pulses will also be subjected to an amplitude modulation. In two appendices the authors finally demonstrate the mathematical calculation of the pulse amplitude at the decoder output and of the influence of the decoder on the coder. There are 32 figures and 10 tables.

Card 2/2

R/011/62/006/005/001/003
A065/A126

9,3277

AUTHORS: Marinescu, Nicolae, Barbu, Enea, and Necula, Nicolae

TITLE: Analysis of some decoders and the diagrams derived for the generation of some codes

PERIODICAL: Automatica si Electronica, v. 6, no. 5, 1962, 185 - 196

TEXT: An analysis is made of decoders with three bistable elements and decoders with four bistable elements, equipped with diodes and resistors, corresponding to memory circuits provided with electro-magnetic relays and transistors, or eventually electron tubes. The decoders are used in telephony and automatic systems. In the case of both types, the authors examine a simplification of the decoders, as well as a reduction of the number of outputs and the automatic coding of the information. The simplification of the electronic decoder causes the reduction of the output-pulse amplitude, but considerably improves the triggering possibility of the circuits in such a way that the effect of the decoder on the trigger circuit becomes more damped. The reduction of the number of outputs by treating the multipoles as dipoles and vice versa should be considered as an au-

✓B
Card 1/2

MARINESCU, N., cercetator

The phenomenon of electric conductivity in semiconductors.
Gaz mat fiz 14 no.5:237-246 My '62.

1. Institutul de Fizica Bucuresti.

MARINESCU, N.

Comparison between the Telephone Relay Utilized in the Rotary Automatic Telephone Exchange System and the Step-by-step Relay. Electrical Engineering,
#6:243:Jun 55

MARINESCU, N.

Method of eliminating the chlorine from electrolytic solutions. METALURGIA
SI CONSTRUCTIA DE MASINI (Metallurgy and Machine Construction) 2:31:Feb 55

MARINESCU N. V.

MARINESCU, N. V.

"Communication Between a Rotary 7A-2 Dial Telephone Exchange System and a Step-by-Step ATS-47 Dial Telephone Exchange." Min Communications USSR, Moscow Electrical Engineering Inst of Communications, Moscow, 1953
(Dissertation for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis', No. 32, 6 Aug 55

MARINESCU, Nicolas, prof. ing.; ENEEA, Barbu, ing.; STRAULE, Dimu, ing.;
IONESCU, Liviu, ing.

Improvement of the transmission equivalent of the telephone sets made
in Rumania. Telecommunicatii 7 no.2:65-69 Mr-Ap '63.

CROITORU, N.; MARINESCU, N.

Volt-ampere characteristics and the barrage capacity at the junctions of Ge amorphous-Ge monocrystalline of the n type.
Studii cerc fiz 15 no. 2:141-154 '64.

1. Institute of Physics, Bucharest.

GRIGOROVICI, R.; CROITORU, N.; MARINESCU, N.

Electric properties and structure of polycrystalline layers
of germanium. Studii cerc fiz 13 no.4:543-557 '62.

1. Institutul de fizica, Bucuresti.

RUMANIA

ANDROMESCU, M., MD; ARRESTEANU, L., MD; BULIGESCU, L., MD; COLITA, D., MD;
DEMIRIAN, N., MD; IONESCU, Genoveva, MD; IONITA, C., MD; MARINESCU
N., MD; MOLDOVAN, T., MD; PAUNESCU, C., Lecturer; SEROPLAN, E., MD;
STICEET, G., MD; SUCIU, D., MD; VASILESCU, G., MD.

Medical Clinic of the "Carol Davila" Hospital" (Clinica medicala
a Spitalului "Carol Davila") - (for all)

Bucharest, Viiata Medicala, No 3, 1 Feb 64, pp 167-181

"Data Concerning Dispensary Supervision and Treatment of Epidemic
Hepatitis in a Section of the town of Bucharest."

(14)

MARINESCU, Mircea, ing.

Prospects of navigation on the Danube after improving the
sector of Portile de Fier. Rev transport 11 no. 3:106-110
Mr '64.

MARINCESCU, Mircea, ing.; BRATESCU, Craciun; STEFANESCU, Gheorghe, ing.

Cupola furnace with redistributed air. Metalurgia constr mas 15
no.2:102-108 F '63.

1. Uzina "Semanatoarea", Bucuresti.

ALEXA, Gheorghe, prof. dr.; MARINESCU, Mihai, prof.; COCIU, Voinea,
conf. ing.

Training the leading technical cadres for the tanning and leather
goods industries in Rumania. Industria uscara 11 no. 8:398-402
Ag '64.

1. Polytechnic Institute, Iasi (for Alexa). 2. Head of the Chair
of Technology of Leather, Fur, Tanning Material, and Leather
Substitutes, Faculty of Industrial Chemistry, Polytechnic Institute,
Iasi (for Marinescu). 3. Head of the Chair of Technology of Leather
Ready-Made Clothes, Faculty of Light Industry, Polytechnic Institute,
Iasi (for Cociu).

RUMANIA/Chemical Technology - Chemical Products and Their
Applications - Wood Processing Industry.
Hydrolytic Industry.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37620

(BP = 93°C) upon elimination of aromatic hydrocarbons,
and NaOH treatment. The tar is soluble in acetone and
is suitable for coatings. Authors concluded that wil-
low wood may be substituted for beech wood in the pro-
duction of various solvents and other substances.

Card 3/3

15-

RUMANIA/Chemical Technology - Chemical Products and Their
Applications - Wood Processing Industry.
Hydrolytic Industry.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37620

Vacuum distillation of water insoluble oil fraction (~ 75%) (58°C fraction) yields a mobile, almost colorless liquid whose $d_{20} = 0.915$ and which consists of 91% of $\text{CH}_3\text{COOCH}_3$. From the remaining part of the water insoluble fraction the following cuts are obtained in the 58-105°C temperature range: 60-75°C fraction, containing 2-methyl-furane which may be produced in pure state ($d_{20} = 0.901$, $n^{20}\text{d} = 1.42$) by redistillation at 62-65°C; 80-98°C fraction, containing α - α' -dimethylfurane and α - β' -dimethylfurane, (redistillation of the latter fraction (93-96°C) yields a liquid of $d_{20} = 0.899$ and $n^{20}\text{d} = 1.43$). Fractional distillation of 105-165°C cut yields (wt. %): toluol 25, ethylbenzol 9.5, m- and p-xylols 12.3 o-xylol 8, cumol 6, mesitylene 10 and other substances. Asphalt residue yields a tar

Card 2/3

RUMANIA/Chemical Technology - Chemical Products and Their
Applications - Wood Processing Industry.
Hydrolytic Industry.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 37620
Author : Botez, Gh., Marinescu, M., Ciochina, A.
Inst : -
Title : Composition of Light Willow Wood Oil Obtained by Dry
Distillation of Willow.
Orig Pub : Bul. Inst. Politehn. Iasi, 1955, 1, No 1-2, 123-129

Abstract : Light oil, obtained by dry distillation of willow
wood in which its content is ~ 2%, has $d_{20} = 0.899$
and a distillation range from 48-163°C. Water extrac-
tion with subsequent distillation of the extract (up to
93°C) yields a mixture from which the following subs-
stances may be isolated (wt. %): acetone 10.7 methyle-
thylketone 5.3, CH_3OH 5.4, and $\text{C}_2\text{H}_5\text{OH}$ 2.5.

Card 1/3

14

Marinescu, Mihai

The composition of tar obtained on dry distillation of willow. Gheorghe Botez, Mihai Marinescu, and Ana Cicchini. *Acad. rep. populare Romane* (1954), *Studii cercetari stiint.* 5, No. 1/2, 221-32 (1954).—The tar yield obtained on dry distn. of willow is a linear function of the tree age and surpasses that from beech. The results compared with those from Seecu show that the yields and compn. of acids and light oils differ little; the yield in heavy oils, of identical compn., is lower, because of a different lignin structure; the phenol and creosote yields are 3 times higher, whereas the guaiacol and cresol yields are lower; the pharmaceutical creosote derived from the crude creosote from willow meets the requirements of the local pharmacopela and thus is applicable for antiseptics and disinfectants.

3

T.Z. Denesey

L 1204-66 EPA(s)-2/EWA(h)
ACCESSION NR: AP5025843

RU/0004/65/000/003/0106/0106

95

AUTHOR: Marinescu, M.

TITLE: Testing a Rumanian parametric oscillator

SOURCE: Electrotehnica, no. 3, 1965, 106

TOPIC TAGS: electric motor, electric engineering, parametric oscillator, refrigeration equipment, refrigeration engineering

ABSTRACT: The author reports the successful testing by Rumanian and German scientists of a Rumanian-made electric motor of the parametric type with alternating action. As a result of the tests, it is expected that this motor will be used instead of the currently used German one in all refrigerators manufactured by the Scherfenstein concern of East Germany. Orig. art. has: 1 figure and 1 table.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: EE, EC

NR REF Sov: 000

OTHER: 000

JPRS

Card 1

MARINESCU, Matei, prof.

Professor Nicolae Vasilescu-Karpea; 1870-1944. Studii cerc fiz
16 no.7:737-740 '64

1. Corresponding Member of the Romanian Academy.

MARINESCU, Matei

Study on the application of an aperiodic loading of the engines
with electromechanical hysteresis. Rev electrotechn energet 9
no.3:323-330 '64

1. Corresponding Member of the Rumanian Academy.

MARINESCU, Matei

On the new technic of sonic (ultrasound) energy producing by magnetostriiction. Comunicarile AR 13 no.3:253-258 Mr '63.

1. Membru corespondent al Academiei R.P.R.

MARINESCU, Matei

Generalization of the theory of "electromechanical hysteresis"
and its application in constructing various types of the motors
with variable inductance. Comunicarile AR 12 no.3:311-318
Mr '62.

1. Membru corespondent al Academiei R.P.R.

MARINESCU, M., prof.; ZHEZHERIN, R.P., kand.tekhn.nauk

3PG parametric generator. Elektrichestvo no.3:87-88 Mr '62.
(MIRA 15:2)

1. Chlen-korrespondent AN Rumynskoy Narodnoy Respubliki (for
Marinesku).
(Electric generators)

MARINESCU, Matei

RUMANIA

Corresponding Member of the Academy of the RPR

Bucharest, Studii si Cercetari de Energetica/Seria A
Energetica Generala si Electroenergetica, No 2, 1962, pp 337-361.

"On the Effect of Electromechanical Hysteresis. A New Process of
Transforming Electric Power in Mechanical Work and Application in
the Construction of New Types of Electric Machines."

Co-authors:

GAVRILIU, Nicolae

GRINARU, Ion.

MARIKESCU, Matei
SURNAME (in caps); Given Name(s)

Country: Rumania

Academic Degrees: -not given-

Affiliation: Corresponding Member of the Rumanian Academy (Membru Corespondent al Academiei R.P.R.).

Source: Bucharest, Comunicările Academiei Republicii Populare Române, Vol 11, No 6, 1961, pp 639-645.

Data: " Electro-mechanical Hysteresis and Its Application to the Realization of New Types of Electric Motors."

MARINESCU, M.

"Electromechanical hysteresis," a new process for transforming electric energy into mechanical work, and its application to the realization of new types of electric machines. Studii cerc energet 11 no.4:731-745 '61.

1. Membru corespondent al Academiei R.P.R.

MARINESCU, Matei

Electromechanical hystereses and their application to the construction
of the new types of electric motors. Rev electrotechn energet 6 no.2:
299-305 '61.

1. Korrespondierendes Mitglied der Akademie der Rumänischen Volksre-
publik. Membre du Comite de redaction, "Revue d'electrotechnique et
d'energetiques."

Symposium on Electroacoustic Transducers

POL'5981

11.	Characteristic parameters of passive linear electromechanical transducers. Janusz Kacprowski	111
12.	The "trans-verter", a new transducer for converting high-frequency electric oscillations into low-frequency mechanical vibrations. M. Marinesco	125
13.	The imaginary part of acoustic impedance of the rectangle. Barbara Wyrzykowska	141
14.	Measurement of small intensities of ultrasonic waves by means of the polarographic method. Bogna Klarner	151
Ch. 2.	Properties and Technology of Piezoelectric and Magnetostriuctive Materials	
15.	Magnetostriiction and magnetostrictive materials. Adam Smolinski	159
16.	Certain technological problems of ferrite production for acoustical purposes. I. P. Golamina and N. F. Shyshkina	175
17.	Application of ferrites to electroacoustic transducers. I. P. Golamina	183

Card 4/8

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Symposium on Electroacoustic Transducers

POL/5981

The following basic problems are treated: 1) theoretical research on energy transformation processes; 2) experimental development of new types of transducers; 3) electroacoustic measurements; 4) technology of piezoelectric and magnetostrictive materials; 5) construction of transducers for technical needs; and 6) design of acoustical transducer systems. No personalities are mentioned. References (if any) follow the individual articles.

TABLE OF CONTENTS:

Preface

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Problems of Research Work on Electroacoustic Transducers. Ignacy Malecki,
President of the Conference

5

Ch. 1. General Problems and Theory of Electroacoustic Transducers
1. Classification of electromechanical transformation methods in the
light of the tasks faced within [sic] the design and construction
of electroacoustic equipment. V. S. Grigor'yev

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Card 2/8

MARINESCO, m.

~~SEARCHED, SERIALIZED~~

35

PHASE I BOOK EXPLOITATION POL/5981

Symposium on Electroacoustic Transducers. Krynica, 1958

Proceedings of the Symposium on Electroacoustic Transducers [held in] Krynica, 17-26 September, 1958. Warsaw, Państwowe Wydawnictwo Naukowe, 1961. 442 p. Errata slip inserted. 630 copies printed.

Sponsoring Agency: Polish Academy of Sciences. Institute of Basic Technical Problems.

Ed. in Chief: Janusz Kacprowski, Doctor of Sciences; Editing Committee: Ignacy Malecki, Professor, Doctor of Sciences; Wincenty Pajewski, Doctor; and Jerzy Wehr, Master of Sciences; Secretary: Juliusz Mierzejewski.

PURPOSE: This book is intended for physicists and acoustical engineers.

COVERAGE: The book is a collection of detailed research papers constituting the proceedings of a conference held in Krynica from 17 to 26 September 1958 under the auspices of the Institute of Technical Problems, Polish Academy of Sciences.

Card 1/8

MARINESCU, M., prof. (Bukharest, Rumyniya)

Electromechanical systems with variable inductance.
Electricthestvo no.6:50-58 Je '60. (MIRA 13:7)

1. Chlen-korrespondent AN Rumynskoy Narodnoy Respublikи.
(Electric machinery)

~~MARINESCU, Matei~~

Dynamic resonance in variable inductance electrical circuits with condenser. Rev electrotechn energet 5 no.2:265-270 '60. (EEAI 10:5)

1. Corresponding member of the Academy of the Rumanian People's Republic: Comite de redaction Revue d'electrotechnique et d'energetique.

(Electric circuits) (Condensers (Electricity))
(Resonance) (Inductance)

MARINESCU, M.

The production mechanism of medium couple of the engine with condenser.
p. 381.

Academia Republicii Populare Române. COMUNICARILE. Bucuresti, Rumania.
Vol. 8, no.4, Apr. 1958

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959

Uncl.

MARINESCU, M.

Distr: 4E3c 2 cys/4E2b(v)

1-48
3

✓ Liquid heat transfer in coil-type heat exchangers. M. Marinescu and Florin Vălu (Polytech. Inst. Iasi, Romania). Bul. inst. politeh. Iasi [8], 4, No. 3-4, 167-74 (1958). — Heat-transfer relations have been established for a Cu coil (inside diam. 11 mm., outside diam. 13 mm., length 3.00 m., vol. 0.147 cu. m., height of a loop 31.25 mm.) within a cylindrical (180 mm. X 300 mm. height) shell or within an annular ring (the same external shell and an internal shell of 120 mm. X 300 mm. height) with forced circulation of hot water inside the coil, and of cold water outside the coil. The conventional formula $Nu = 0.023f_{\text{ex}} Re^{0.8} Pr^{0.4}$, where $f = 1 - 6 \times 10^4 Re^{-1.4}$ and $f_{\text{ex}} = 1 + 3.54 d/D$, gives good results for the heat-transfer coeff. of the hot water inside the coil. The formula $Nu = C d^0.8 Re^{0.8} Pr^{0.4} (\mu/\mu_w)^{0.1}$, used for forced convection in intertubular spaces with baffles, where $C = 2.08$ for ring-type baffles or 1.72 for segmental baffles, is proposed for the calcn. of the heat-transfer coeff. of the cold water outside the coil. This formula gave results in good agreement with the exptl. data. M. Lapidot

MARINESCU, M.; POPOV, N.

Special problems connected with the optimum form of the wave flux in machines with variable inductance.

P. 479 (STUDII SI CERCETARI DE ENERGETICA) (Bucuresti, Rumania) Vol. 7, No. 3.
1957

30: Monthly Index of East European Accessions (EEAI) LC VOL. 7, NO. 5. 1958

MARINESCU M.

RUMANIA/Radio Physics - General

I-1

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 6473

Author : Marinescu M.

Inst : Not Given

Title : Development of the Theory of Coupled Parametric Systems

Orig Pub : Commun. Acad. RPR, 1957, 7, No 2, 175-181

Abstract : Continuation of a previously published article (Referat Zhur Fizika, 1957, No 2, 4425), containing the general relations between the current and the rate of change in a circuit with variable inductance for the case when the moving system vibrates in synchronism with the applied emf and the inductance changes quadratically (symmetrical oscillations). Relations are obtained between the current and the velocity for the case of linear changes in the inductance (asymmetric oscillations). The energy properties are determined and it is indicated that the asymmetric oscillations have the advantage of higher stability and higher efficiency.

Card : 1/1

Marinescu, M.

Maximal mechanical percussion performance and its value in machines with
percussion action and with sinusoidal fluctuating motive power of mean value.
In German, p. 257.

REVUE D'ELECTROTECHNIQUE ET D'ENERGETIQUE. JOURNAL OF ELECTROTECHNICS AND
ENERGETICS. (Academia Republicii Populare Romine. Institutul de Energetica)
Bucuresti, Rumania Vol. 2, no. 2, 1957

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959

Uncl.

2581. BEST CHOICE OF VARIABLE INDUCTANCE FOR
HIGHEST POWER FACTOR OF VARIABLE-INDUCTANCE
MACHINES. M. Marinescu and M. Popov.
Dtsch. Elektrotech., VDI 10, 571-5 (Oct., 1966). In German.
Investigates mathematically the variable inductance machine
(e.g. solenoid or reluctance motor) fed with a sinusoidal voltage and
shows what form of inductance variation curve will give the best
power factor.

021.313.343 : 021.3.016.24

E.O. Taylor

MARINESCU, MATEI

I-1

Category : RUMANIA/Radiophysics - General Problems

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4425

Author : Marinescu, Matei
Title : Theory of Parametrically Coupled Systems ("Parametric Electromechanical Four-Terminal Network")

Orig Pub : Commun. Acad. RPR, 1956, 6, No 3, 423-428

Abstract : Linear relationships are obtained to connect the current with the velocity for the case of an oscillating electromechanical system with parametric coupling, in which the inductance varies in synchronism in the first-order mode. Linear relationships result from the assumption that the current is sinusoidal and that the velocity of the electromechanical system is sinusoidal, as occurs near the electrical and mechanical resonance. The solution of the system of equations, which are generalizations of the equations of an electromechanical four-terminal network with excitation, discloses important properties of these systems, and in particular the constancy of the current amplitude, which is independent of either the static electrical impedance or of the applied voltage. Bibliography, 6 titles.

Card : 1/1

MARINESCU, M.

The theory of parametric coupled systems; the parametric electromechanical quadripole.

p. 419
Vol. 6, no. 3, Mar. 1956
COMUNICARILE
Bucuresti

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 12
December 1956

MARINESCU, M

✓ Improvement of the efficiency of heat exchangers and steam generators. M. Marinescu and M. Pănicăcanu. Bul. inst. politec. M., 2, 147-53 (1955). Replacement of the conventional cylindrical piping of heat exchangers and steam generators with ones having undulated cross sections resulted in a 17.1% increase in efficiency, while the over-all dimensions and the rate of fluid flow are kept const. It is expected that the resistance of such pipes against external pressures will be higher. Remond Kertezz

2
1-4546

MARINESCU, M.

Technical and economic indicators of machines with variable inductance under
extreme operational conditions and comparison with other electric machines.
p. 1605. Academia Republicii Populare Romine. COMUNICARILE. Bucuresti.
Vol. 5, no. 11, Nov. 1955.

Sc. East European Accessions List Vol. 5, No. 9 September, 1956

MARINESCU, M.

Sound absorption by acoustic resonators with transverse excitation. p. 847. ACADEMIA REPUBLICA POPULARE ROMANE Rumania.
Vol. 5, No. 5, May 1955

East European Accessions List (EEAL) Library of Congress
Vol. 5, No. 11, August 1956.

MARINESCU, M. ; POSTEINICU, P.

Electric machines with variable inductance. In French. p. 23.
(REVUE D'ELECTROTECHNIQUE ET D'ENERGETIQUE. RUMANIA. Vol. 1, no. 1, 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

MARINESCU, M., POPOV, M.

Ueber den guenstigsten Verlauf der veraenderlichen Induktivitaet duer hoechsten Leistungsfaktor bei Maschinen mit veraenderlicher Induktivitaet.

SO: DT Elektrotechnik, October 1956, Unclassified.

MARINESCU, M.

Occurrence of "transverse resonance" in acoustic resonators with two orifices,
generated by dissymmetry in the field, p. 733. COMUNICARILE. Bucuresti. Vol. 5,
No. 4, April 1955.

SOURCE: East European Accessions List (EEAL), IC, Vol. 5, No. 2, Feb. 1956.

MARINESCU, M.

Acoustic resonator with "transverse excitation"; "acoustic dipoles." p. 719.
COMUNICARILE. Bucuresti. Vol. 5, No. 4, April 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, No. 2, Feb. 1956.

MARINESCU, M.

Conditions of "minimum weight" of parametric machines. p. 467.
STUDII SI CERCETARI DE ENERGETICA. Bucuresti.
Vol. 5, no. 3/4, July/Dec. 1955.

SOURCE: East European Accessions List, (EEAL), Library of Congress,
Vol. 5, No. 11, Nov. 1956.

MARINESCU, M. ; POPOV, M.

Best form of the variation of inductance and of the factor of the maximum power
of machines with variable inductance. p. 545.
(COMUNICARILE. Rumania. Vol. 5, no. 3, Mar. 1955)

SO: Monthly List of East European Accessions (EEAL) LC, Vcl. 6, no. 7, July 1957. Unclassified.

MARINESCU, M.

MARINESCU, M. "Parametric electrotechnique" and studies in this field carried out
at the Institute of Electric Power of the Romanian Academy. p. 109.

Vol. 5, No. 1/2, Jan./June 1955.
STUDII SI CERCETARI DE ENERGETICA.
TECHNOLGY
Bucuresti, Romania

So: East European Accession, Vol. 5, No. 5, May 1956

MARINESCU, M.

Effective calculation of currents in resolvent networks. p. 139. Vol. 5.
No. 1, Jan. 1955. Comunicarile.

Source: East European Accessions List (EEAL), Lc, Vol. 5, No. 3, March 1956

MARINESCU, M.

1 - P/W

Mărinescu, M., et Popov, M. Représentation du circuit
en série à induction variable sous forme de réseau aux
paramètres constants. Com. Acad. R. P. Romîne 4,
N-243-250 (1954). (Romanian, Russian and French
summaries)

MARINESCU, Matei

Marinescu, Matei, et Popov, Mihai. Sur le spectre des
oscillations dans les circuits en serie d'inductance variable.
M. Com. Acad. R. P. Romane 3, 327-335 (1953). (Ro-
manian. Russian and French summaries)

X - P/W

(1)

MARINESCU, M.

✓ Valorization of willow wood by dry distillation. M. Marinescu, Gh. Botz, and F. Vălu. Acad. rep. populară Române, Filiala Iași Studii cercetări Stînt. 3, No. 1/4, 213-24 (1952).—*Silix alba* (I) was subjected to dry distn. in a horizontal retort. The max. yield in HOAc is obtained when I is between 15 and 20 yrs. old. The yield in insol. tar increases with the age of I. The younger the I the higher the C content. These above-mentioned values are obtained from beech wood (II) only if 40, 45, and 60 yrs. old. The properties of the C of I show that it can replace the C of II. The regeneration of I is 3-4 times faster than that of II.

The bark of young I is richer in tannins than that of II.
Emanuel Merdinger

MARINESCU, M.

Marinescu, M., et Popov, M. Une méthode nouvelle pour l'analyse des phénomènes paramétriques. Com. Acad. R. P. Române 2, 615-627 (1952). (Romanian, Russian and French summaries)

1 - F/W

PAW

MARINESCU, Marioara Gh. (Bucuresti)

On the occasion of the hundredth anniversary of the birth of the
Rumanian savant Prof. Gh. Marinescu. Natura Biologie 15 no.1:
80-81 Ja-F '63.

MARINESCU, Marcel, ing.

Nomogram for determining the specific consumption of diesel oil by the D-36 M engines. Mec electric agric 9 no.3:
74-75 '64.

1. Permanent Training Center, Machine-tractor Station,
Tirgu Mures.

MARINESCU, Marcel, ing.

Testing and adjusting jet pumps on the M-650 and M-651 tractors.
See sketch agrie 9 nov. 1968 - '64.

At Permanent Training Center, Tigrul Maras Machine-tractor
Station.

TOLCER, Ciorhei, Mures, Magyar, Mag.

Reconditioning parts of agricultural machines and tractors
in the Odorhai Machine-tractor Station, in the Mures-Autonoma
Maghiara region. Mac electric 9 no. 5350-56 '64.

1. Ciorhei Machine-tractor Station (for Tolcer).
2. G.P.I., Targu Mures Machine-tractor Station (for Marinescu).

ILIESCO, M.; RADU, I.; BERCEANU, St.; HERGOT, Lucia; IONASESCO, Rebeca;
MOLDOVEANU, N.; SFERDIAN, O. Assistant technique: MARINESCO, M.

Serological research on the mechanism of autoimmunity in acute
and chronic hepatitis in man. Arch. roum. path. exp. microbiol.
23 no. 3:805-810 S'63

1. Institut "Dr. I. Cantacuzino", Bucarest (for Iliesco, Radu, Marinesco).
2. Clinique Medicala "Bernal Andrei", Bucarest (for Berceanu,
Hergot, Ionasesco). 3. Hopital de Maladies Contagieuses No.2,
Bucarest (for Moldoveanu, Sferidian).

MARINESCU, M. (Bucuresti); DAMASCHIN, V. (Bucuresti)

Publications on biology of the Institute of Romanian-Soviet Studies,
Romanian Academy. Natura Biologie 14 no.3:82 My-Je '62.

DIMITRIU, C.C., prof.; BULIGESCU, L., dr.; ARESTEANU, L., dr.; SUCIU, Dan,
dr.; TOMESCU, V., dr.; MARINESCU, M. dr.; ANDRONESCU, M., dr.;
SOLOMON, Sela, dr.

The importance of early diagnosis of postviral chronic hepatitis.
Med. inter., Bucur 13 no.5:673-678 My '61.

I. Lucrare efectuata in Clinica medicala a Spitalului "C.Davilla",
I.M.F., Bucuresti.

(HEPATITIS, INFECTIOUS complications)
(LIVER CIRRHOSIS prev. & control) (HEPATITIS diagnosis)

MARINESCU, M.

Recovery of silver from the fixing bath of radiographic film. Valentin Misnev, M. Marinescu, and Beaterina Constantinescu (Santatorul de tuberculoza Bucuresti, Bucharest, Romania). Farmacia (Bucharest) 7, 1A7-9 (1959).¹⁹ The used fixing bath is evapd. to 1/4 of its original vol. and treated with concn. HNO₃ in the amt. of 8% of the vol. of the liquid. On further boiling Ag₂S is pptd. After filtering the ppt. is treated with warm HNO₃, and the Ag₂S passes into soln. as AgNO₃; this is treated with HCl, giving AgCl, which is reduced with granulated Zn and HCl.
Felicitas D. Goodman

5

AMT

COUNTRY : Rumania B-14
CATEGORY :
ARG. JOUR. : RZhKhim., No. 5 1960, No. 1727
AUTHOR : Curievici, I., Marinescu, M., and Valu, F.
INST. : Iasi Polytechnic Institute
TITLE : The Experimental Investigation of the Evaporation
of Drops of Some Organic Solvents
ORIG. PUB. : Bul Inst Politehn Iasi, 4, No 3-4, 337-344 (1958)
ABSTRACT : The authors have measured the rate of evaporation
of drops of toluene and ethanol of different sizes
in a stream of air at different temperatures and
flow rates. The equation of Ranz [?] and Marshall
(Chem Eng Progress, 48, 141 (1952)) for the heat
transfer from an evaporating drop is confirmed.
The modification to this equation proposed by
Radush (RZhKhim, 1956, No 22, 73791) could not be
confirmed.
M. Fuks

SMD: 1/1

64

MARINESCU, M.

Improvement of efficiency of heat exchangers and steam generators.
M. Marinescu and N. Popinceanu (*Inst. Eng. pol. Jassy*, 1959, 2, 147—153). The replacement of ordinary tubes in heat exchangers or steam boilers by longitudinally-undulating tubes is examined mathematically and experimentally. It is calculated that in a tubular heat-exchanger, the substitution of the normal tubes by tubes with 16 undulations, other things being equal, enables an increase of efficiency of 17.13% to be achieved. (From French summary.)

J.S.C.

MARINESCU, M.

"As many vegetables as possible."

p. 7 (Drumul Belsugului) No. 6, June 1957
Bucharest, Romania

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 4,
April 1958

MARINESCU, M.

MARINESCU, M. Raising of wrecked ships. p. 176.

Vol. 3, no. 5, May 1956.
REVISTA TRANSPORTURILOR
TECHNOLOGY
Bucuresti, Romania

So: East European Accession, Vol. 7, no. 3, March 1957

MARINCU, M. Ing.

From the experience of preparing tissues from half wool worsted
yarns for suitings. Ind text Rum 15 no. 11:600-602 N '64.

1. Timisoara Textile School Center.

ANDREESCU, Fl., dr.; MARINESCU, M., dr.

Considerations on a case of the trisomy 13-15 syndrome (Patau syndrome). Pediatria (Bucur) 14 no.1:39-43 Ja-F'65.

1. Lucrare efectuata in Spitalul unificat din Corabia, Sectia maternitate.

COJOCARU, V.; IVANCEANU, I.; MARINESCU, L.; MIHAI, I.; PETRASCU, M.

Detector of scintillations in gas with technical argon. Studii
cerc fiz 16 no.8:917-921 '64.

1. Institute of Atomic Physics, P.O.Box 35, Bucharest.

200

DRAGOMIRESCU, D.; DUTESCU, Gh.; MARINESCU, L.; NEAGU, D.; RADULESCU, C.

Establishing optimum conditions for the work with a Wilson chamber. Studii cerc fiz 13 no.3:479-483 '62.

1. Institutul de fizica atomica, Bucuresti.

LITEANU, Candin; MARINESCU, Lucia

Contributions to the complexometric determination of cation mixtures. Pt. 5. Studia Univ B-B S. Chem 7 no.2:127-130 '62.

MARINESCU, L.

Aspects of achievements in cotton spinning. p. 252. Industria Textila. Bucuresti.
Vol. 6, No. 8, Aug. 1955.

SOURCE: East European Accessions List (EEAL), LC. Vol. 5, No. 3, March 1956.

MARINESCU, Josefina; HINCULOV, Luciana; TURCULET, L.

Contributions to the study of Tortonian fauna in west Oltenia.
Dari seama sed 47:73-85 '59/60 [publ. '62].

MARINESCU, Fl.; MARINESCU, Josefina

Experiments in Tortonian horizoning between the Danube
and Cosustea Rivers (west Getic Depression). Dari seama sed
47: 63-71 '59/60 [publ. '62].

MARINESCU, Josefina (Bucuresti)

A group of fossils rarely seen (Amphineura). Natura Biologie
15 no.6:78-79 N-D '63.

MARINESCU, Florian; MARINESCU, Josefina

Contributions to the study of the Miocene in the Bahna-
Orsova Basin and Balta-Baia de Arama Corridor.
Dari seama sed 45:177-197 '57/58 [publ. '62].

MARINESCU, Josefina

ROMANIA

SAVOPOL, E., MD, Pharmacist; MARINESCU, Josefina, Pharmacist.

Section of Pharmaceutical Technique and Organization of the
Institute of State Control of Medicines and Pharmaceutical
Research (Sectia de tehnica si organizare farmaceutica a
Institutului pentru controlul de stat al medicamentului
si cercetari farmaceutice) - (for all)

Bucharest, Farmacia, No 3, Mar 63, pp 149-155.

"Contributions to the Preparation of Pharmaceutical Suspensions."

(2)

MARINESCU, Josefina

The Tortonian fauna of the basin-Orsova. Gastropoda. I. (Fam. Fissurellidae, Turbinidae, Astraea, Neritopsidae, Turritellidae, Architectonicidae). Studii cerc geol 6 no.3:513-540 '61.

1. Comunicare prezentata de academician G. Murgeanu.

FYRSIROTU, Z. [Fursurotu, Z], farmatsevt., MARINESCU, ^SJosefina [Marinescu, I.]
farmatsevt.

Study on the evolution of prescription writing and medical
compounds in Bucharest during the period 1946-1956 and its
effect on the work of pharmacies. Apt.delo 7 no.6:76-80
(MIRA 11:12)
N-D '58

1. Iz laboratorii organizatsii farmatsevticheskogo dela
Farmatsevticheskogo nauchno-issledovatel'skogo instituta
kontrolya medikamentov (Bukharest, Rumynskaya Narodnaya Respublika).
(BUCHAREST--PHARMACY)

RUM/3-59-8-15/32

Research Activities in the Chemical Industry

Ministry for the Petroleum and Chemical Industry there is the Institute for Chemical-Pharmaceutical Research (Institutul de Cercetări Chimico-farmaceutice - I.C.C.F.). of Bucharest, with subsidiaries in Jassy (Iași) for antibiotics, and Cluj for synthesis. Numerous details on the organization and research themes are included. Among the most important achievements in the field of drugs are mentioned: antirheumatics: pyramidon, butamid, algosedin, salicylamide; anesthetics: A.L.U., Xylin; hormones: lactotropin, thyreotropin, diethylstilboestrol; vitamins: vitamin C, mesoinositol, nicotinic acid, pantothenic acid, vitamin E₁₂; anti-diabetics: chloramphenicol, aureocyclin, tetracyclin; products for x-ray diagnosis: iodoran, colegrafi, coletrast, etc. There are 2 photographs.

ASSOCIATION: Directia tehnică, ministrerul industriei petrolului și chimiei (Technical Directorate, Ministry of Petroleum and Chemical Industry).
Card 2/2

5(1)

RUM/3-59-8-15/32

AUTHOR: Marinescu, I., Engineer, Technical Director
TITLE: Research Activities in the Chemical Industry
PERIODICAL: Revista de chimie, 1959, Nr 8, pp 472-474 (Rumania)

ABSTRACT: The author begins by reminding the reader that the 2nd Congress of the Rumanian Communist Party, of December 1955, has decided that one of the main tasks of the development of socialist industry in Rumania, was the quick development of the chemical industry. One essential requirement for that development is the strengthening of the connection between theoretical and practical activities. The main institutions of Rumania are: Institutul de Cercetări Chimice of Bucharest (ICCECHIM); Institutul de Prelucrare și Chimizare a Petrolului (PETROCHIM) (Institute for Processing and Chemical Applications of Petroleum); Institutul pentru chimizarea Gazului Metan (CHIMIGAZ) of Mediaș and Copșa Mica (Institute for the Chemical Application of Natural Gas). In addition, within the

Card 1/2

H-28

COUNTRY : Romania
CATEGORY :

ABS. JOUR. : RZBhim., No. 22 1959 No. 80110

AUTHOR : Ciupercescu, V. and Marinescu, I. P.
INST. : Not given
TITLE : The Determination of Vitamin C in Food Products

ORIG. PUB. : Rev Ind. Aliment Prod Vegetale, No 11, 1-3 (1958)

ABSTRACT : The method described is based on the colorimetric determination of excess 2,6-dichlorophenolindophenol, extracted with toluene, after reaction with ascorbic acid in the acid extract from the product under study.
A. Marin

CARD: 1/1

MARINESCU, I. P.

TECHNOLOGY

Periodical: REVISTA INDUSTRIEI ALIMENTARE. PRODUSE VEGETALE. No. 5, 1958.

MARINESCU, I. Production of juices in the German Democratic Republic; conclusions after a study visit in German Democratic Republic. p. 3.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

RUMANIA / Chemical Technology, Chemical Products and Their
Application. Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17360
Author : Marinescu, I.; Stern, S.; Dumitrescu, H.
Inst : Not given
Title : Food Value of Berry and Vegetable Preserves
Orig Pub : Lucrarile Inst. cercetari aliment., 1958, 2, 131-13⁴
Abstract : Chemical composition, calorific value, and vitamin
content of various berry and vegetable preserves
manufactured in RNR was investigated.

Card 1/1

RUMANIA / Chemical Technology, Chemical Products and Their Application. Fermentation Industry.

H-27

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17236

Author : Marinescu, I.

Inst : Not given

Title : Brewer's Yeast as the Source of Vitamins

Orig Pub : Lucrarile Inst. cercetari aliment., 1958, 2, 111-119

Abstract : The use of brewer's yeast for the vitamin preparations is proposed. Optimum conditions for the removal of bitter taste from the yeast by means of caustic treatment (sodium carbonate) were developed. Through autolysis and extraction a B vitamin concentrate was obtained with the respective organoleptical properties and increased vitamin content. Thus obtained yeast and vitamin B concentrate are suitable for food products.

Card 1/1

H - 96

MARINESCU, I.

RUMANIA/Chemical Technology - Chemical Products and Their
Application. Food Industry.

I-13

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 3019

Author : Marinescu, I.

Inst :
Title : Concentrates of Hydrolyzed Proteins from Byproducts of
the Food Industry

Orig Pub : Lucrarile inst. cercetari aliment., 1957, 1, 11-28

Abstract : A study of the effect of time, concentration of HCl and
pressure, in the process of hydrolysis carried out to
produce extracts, serving as meat substitutes, from pro-
ducts that are rich in proteins (soybean and sunflower
seed meal, milk casein, dried blood, etc.). A technolo-
gical process has been worked out for the production of
hydrolysates which can be utilized as the main component
in the manufacture of food concentrates in the Rumanian
People's Republic.

Card 1/1

MARINESCU, Ion

Some geologic observations on the Valea Jiului and Hateg basins. Rev
min 14 no.1:29-33 Ja '63.

MARINESCU, Ion [Marinescu, Ion]

Stratigraphy and tectonics of the flysh zone in the Eastern
Carpathians. Geol. zhur. 22 no. 5:50-60 '62.
(Carpathian Mountains—Flysh) (MIRA 15:12)

MARINESCU, Ion

Technical geologic studies on the Teliu tunnel. Rev min 13 no.11:
506-511 N '62.

MARINESCU, Ion

Geologic structure of the Flysch between Bisca Mare
Valley and Izvoarele Putnei. Dari seama sed 46:109-128
'58/59 [publ. '62].

MARINESCU, Ion

Geologic observations on the Teliu tunnel zone. Dari seama
sed 45:199-212 '57/58 [publ. '62].

MARESCU, I.

Contributions to the geologic study of the Jiu Valley coal
basin. Rev min 12 no.7:291-296 Jl '61.

L 33722-66

ACC NR: AP6025158

SOURCE CODE: RU/0012/65/061/004/0605/0609

AUTHOR: Augustin, A. (Doctor; Colonel); Grigorescu, G. (Doctor; Colonel); Marinescu, I. (Doctor; Major); Roman, I. (Doctor; Major); Boldisor, A. (Doctor; Major); Budac, A. (Doctor, Captain)

C.G: none

TITLE: Some aspects of acute renal insufficiency in urological patients

SOURCE: Revista sanitara militara, v. 61, no. 4, 1965, 605-609

TOPIC TAGS: genitourinary system disease, urology

ABSTRACT: Based on 15 cases of acute renal insufficiency with urologic causes treated at the Central Military Hospital, the authors describe various methods of treatment. Case histories are given for several of the cases. The 15 cases included 4 of pyelorenal infections, one acute insufficiency following lithiasis operation, 3 of obstruction anuria, and 7 of acute renal insufficiency following a chronic renal insufficiency caused by an accident. (JPRS: 33,500)

SUB CODE: 06/ SUBM DATE: 15Oct65/ ORIG REF: 006/ OTH REF: 003

16
B

Card 1/1

0911

L 41990-65 ENT(m)/ENT(j)/T PC-4 RM

ACCESSION NR: AP5012515

RU/0003/64/015/008/0482/0488

15

B

AUTHOR: Marinescu, I.

TITLE: The "Danubiana" Tire Plant

SOURCE: Revista de chimie, v. 15, no. 8, 1964, 483-488

TOPIC TAGS: economic development, industrial plant, rubber

Abstract [Author's English summary modified]: A description of the new tire factory in Bucharest which started production in 1962. Some details are given on the layout of the building and on the technological process, which includes automatic determinations during the mixing process, automatic impregnation and gumming techniques, automatic vulcanization, and advanced control and research activities. Power supply, transportation, and personnel are also briefly discussed. Orig. art. has 4 figures.

ASSOCIATION: none

ENCL: 00

SUB CODE: MT, GO

SUBMITTED: 00

OTHER: 000

JPRS

NO REF S/N: 000

Card 1/1